

SCOPE OF SERVICES

DESIGN SERVICES – QUESTIONS & ANSWERS No. 2

Road Design Survey Services for Wall Monitoring Along I-696 from US-24 to I-75
JN 103446

Question 1: The retaining walls between the 3 main lanes of the E-bound & W-bound expressway and the on and off ramps decrease in height to about one or two feet exposure on the main-lane side. Above the retaining wall portions are barrier walls above grade and not functioning as retaining walls. In these tapering height areas is there a minimum height below which the engineers will not be monitoring for tilting of the wall, and; consequently, for which no data needs to be obtained and measured?

Answer 1: **No, there is not a minimum height. All wall sections need to be monitored.**

Question 2: The tops of the retaining walls along the service drives are barrier walls. It appears they might have been poured at a separate time than the retaining walls on which they sit. Can the top-of-wall shots be taken on these barrier wall portions for monitoring purposes without concern for which portion they represent? The question arises as they might not be the same plane as the face of the retaining wall below them, if poured separately. We assume the engineers have information about the plans and specs under which the walls were built.

Answer 2: **The measurements need to be taken for the entire wall including the barrier wall portion.**

Question 3: We have looked for ROW plans for this stretch of I-696 and have not found any, in our hard-copy Oakland County set or on-line. Are any available as it would help with the planning to have these plans with the stationing shown?

Answer 3: **We have ROW plans that will be provided to the consultant who is selected.**